

## SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 9/1/2015, 9/2/2015, 9/3/2015</b>	Man Days: 3
<b>Inspection Unit: Pana</b>	
<b>Location of Audit: Pana</b>	
<b>Exit Meeting Contact: Kevin Glaspy</b>	
<b>Inspection Type: Design Testing and Construction</b>	
<b>Pipeline Safety Representative(s): Donald Hankins</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

CONSTRUCTION INFORMATION		
<b>Location of Construction:</b> 800 East Sciberling, Blue Mound, Illinois	<b>Construction Performed By:</b> Ameren Illinois Crew	
<b>Contractor Foreman:</b>	No contractor foreman on this job.	
<b>Operator Inspector:</b>	Kevin Glaspy, Quality Assurance	
Person(s) On Job Site		
Terry Paul	Terry Manley	Matt Branum
Jeff Vebinger		
<b>Description of Construction:</b> An Ameren Illinois gas crew was installing a 1 inch PE service line into 800 East Sciberling, in Blue Mound, Illinois. The pipe was Driscoplex pipe, with the Julie dig number being X002361856, with the service line being air tested to 102 pounds for 15 minutes, with no leaks being found.		

SERVICE INSTALLATION		Status
[192.55]	Steel	Yes
<b><u>General Comment:</u></b> <i>The gas main was 4 inch steel pipe.</i>		
[192.59]	PE	Yes
<b><u>General Comment:</u></b> <i>The service line was 1 inch Driscoplex pipe.</i>		

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[192.59]	Other	<b>No</b>
<b><u>General Comment:</u></b> <i>No other pipe was installed.</i>		
[192.619,192.621,192.623]	MAOP	<b>60#</b>
[192.5]	Class location :	<b>Class 3</b>
[192.53]	Are components qualified for use?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The pipe and fittings were all marked for use on this job.</i>		
[192.63(a)(2)]	Pipe Size :	<b>1 Inch</b>
[192.55,192.59]	Specification :	<b>ASTM D-2513</b>
[192.55,192.59]	Manufacturer :	<b>Driscoplex</b>
[192.55,192.59]	Pipe Grade :	<b>PE 2406/2708</b>
[192.55,192.59]	Wall Thickness :	<b>.099</b>
[192.63]	Are pipe, valves, and fittings properly marked for identification?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The pipe and fittings were all marked for use on this job.</i>		
[192.227]	Welder qualification date:	<b>7-14-15</b>
[192.227]	Welder's Name:	<b>Jeff Vebinger</b>
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Pipe was joined according to the O&amp;M procedures.</i>		
[192.285]	Date of Qualification :	<b>3-19-2015</b>
[192.285]	Joiner's name:	<b>Terry Manley</b>
[192.455]	Is buried metallic pipe coated?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The 4 inch steel gas main was coated.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Cathodic protection was being provided with the cathodic reading being -1.0</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	<b>Yes</b>
<b><u>General Comment:</u></b>		

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<i>Cathodic protection is being provided by anodes.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	<b>No</b>
<b><u>General Comment:</u></b> <i>There are no rectifiers in the area of where the work was being performed.</i>		
[192.461]	Does coating meet 192.461?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The steel gas main and service tap was coated and wrapped by wax wrap tape, where the coating had been knocked off the gas main.</i>		
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Coating was inspected as the main and service tap was back filled.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The above ground riser pipe was coated and clean at the time of installation.</i>		
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No other underground structures in this area where the work was performed.</i>		
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The service line had dirt placed over it before back-filling was conducted.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>A protective sleeve was installed where the service line was connected to the tapping tee at the gas main.</i>		
[192.321]	Does plastic pipe have means of locating while underground?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>A tracer wire was included in the ditch for means of locating the service line.</i>		
[192.325]	Are required clearances from underground structures being maintained?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No other structures in the area of this service line.</i>		
[192.327(a)]	Is required cover being obtained for the service line?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b>		
<i>The service line was installed at a depth of around 3 feet.</i>		
[192.503]	Are general testing requirements being met?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The service line and tapping tee were air tested to 102 pounds for 15 minutes, with no leaks being found.</i>		
[192.517]	Are records being made of strength and leak tests?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The crew leader recorded the pressure test.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>All employees at the job site were qualified to complete the covered task of this job.</i>		
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>All employees at the job site were qualified to complete the covered task of this job.</i>		
[192.805(c)]	Were span of control limitations being followed?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>All employees at the job site were qualified to complete the covered task of this job.</i>		
Was a Protocol 9 (Form 15) Completed?		<b>No</b>
<b><u>General Comment:</u></b>		
<i>Staff did not complete a protocol form 15 during this audit.</i>		
[192.614]	Were One Call Notifications performed as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The crew for Ameren Illinois had a Julie one call notification, with them.</i>		
[192.614]	Dig Ticket #	<b>X002361856</b>
[192.383(b)]	Is an EFV installed on any new or replaced service line serving a single-family residence?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>A UMAC excess flow valve was installed at the service line connection to the tapping tee to the gas main.</i>		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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*The Ameren crew took steps to prevent accidental ignition.*

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